

RECEIVED
CENTRAL FAX CENTER

AUG 13 2004

OFFICIAL

Serial No.: 09/936,377
Docket No.: BM45379

In the Claims:

Claims 1-24 (Cancelled)

25. (Previously Presented): An isolated polypeptide comprising a member selected from the group consisting of
- (a) the amino acid sequence SEQ ID NO:2; and
 - (b) an immunogenic fragment of at least 15 contiguous amino acids of SEQ ID NO:2;
- wherein the immunogenic fragment, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell mediated immune response that recognizes the polypeptide SEQ ID NO:2.
26. (Cancelled)
27. (Previously Presented): The isolated polypeptide of claim 25, wherein the polypeptide is according to (a).
28. (Cancelled)
29. (Previously Presented): The isolated polypeptide of claim 25, wherein the polypeptide is according to (b).
30. (Cancelled)
31. (Previously Presented): The isolated polypeptide of claim 25, wherein the immunogenic fragment of (b) comprises at least 20 contiguous amino acids of SEQ ID NO:2, wherein the immunogenic fragment, when administered to a subject in a suitable composition which can include an adjuvant, or a suitable carrier coupled to the polypeptide, induces an antibody or T-cell mediated immune response that recognizes the polypeptide SEQ ID NO:2.